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IN THE CLAIMS:

1. (Currently Amended) A In a system having means for providing a conjugated beam and a non-conjugated beam, a spatial filter comprising:

means for providing a nonconjugated beam of electromagnetic energy;

means for conjugating at least a portion of said beam of electromagnetic energy to provide a conjugated beam;

means for increasing angular spread of said non-conjugated beam and

means for suppressing said angular spread non-conjugated beam without suppressing said conjugated beam.

2. (Original) The invention of Claim 1 wherein said means for increasing angular spread includes an aberrator.

3. (Previously Presented) The invention of Claim 2 wherein the aberrator is an amplifier.

4. (Original) The invention of Claim 1 wherein said means for suppressing includes an opaque plate with a pinhole aperture therethrough.

5. (Original) The invention of Claim 1 wherein said means for suppressing includes a highly angle-selective thick Bragg grating.

6. (Original) The invention of Claim 1 further including first and second lenses disposed on opposite sides of said means for suppressing.

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7. (Previously Presented) A phase conjugate master oscillator/power amplifier laser architecture comprising:

a master oscillator adapted to output a laser beam;

a power amplifier beamline in optical alignment with said beam;

means for creating a beam having phase conjugate energy and non-conjugated energy; and

at least one spatial filter in alignment with said amplifier, said filter having means for increasing angular spread of said non-conjugate energy in said beam and means for suppressing said spread non-conjugate energy in said beam without suppressing said conjugated energy in said beam.

8. (Original) The invention of Claim 7 wherein said beamline includes plural amplifiers.

9. (Previously Presented) The invention of Claim 8 further including a spatial filter between at least two of said amplifiers.

10. (Currently Amended) A loop phase conjugate resonator comprising:

first means for providing an interference pattern;

second means for providing a nonconjugated beam of electromagnetic energy;

third means for conjugating said beam of electromagnetic energy;

an amplifier in alignment with said first, second and third means; and

a spatial filter in alignment with the amplifier and adapted to increase the angular spread of non-conjugate energy in a beam amplified by said amplifier and suppress said spread non-conjugate energy in said beam without suppressing non-conjugated energy therein.

11. (Original) The invention of Claim 10 wherein said spatial filter includes an aperture.

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12. (Original) The invention of Claim 10 wherein said spatial filter includes an aberrator.

13. (Original) The invention of Claim 10 wherein said spatial filter further includes first and second lenses.

14. (Previously Presented) A method for spatial filtering including the steps of: providing a conjugated beam and a non-conjugated beam; increasing angular spread of said non-conjugated beam and suppressing said angular spread non-conjugated beam without suppressing said conjugated beam.

15. (Previously Presented) A phase conjugating method comprising the steps of: providing a laser beam; conjugating at least a portion of said beam; increasing angular spread of said non-conjugate energy in said beam; and suppressing said spread non-conjugate energy in said beam without suppressing said energy of said conjugated beam.

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